Televes®

Technical specifications : Ref. 2127

Model		CXT-1																			
Cable type		RG-6																			
Standard		EN 50117-9-2																			
Euroclass		Eca																			
Class		A																			
Inner conductor Diameter	in	0.039																			
Inner conductor Material		Copper-clad steel (CCS)																			
Inner conductor Resistance	Ω/km	< 120																			
Dielectric Diameter	in	0.185																			
Dielectric Material		Foam polyethylene (PEE)																			
Dielectric Color		White RAL 9003																			
Overlapped foil		Aluminium + Polyester																			
Braid Material		Aluminium																			
Braid dimensions: No. of carriers (Nc)		16																			
Braid Dimensions: No. of strands per carrier (Ns)		8																			
Braid Dimensions: strand diameter (Ø)	in	0.005																			
Braid Resistance	Ω/km	< 30																			
Braid Coverage	%	77																			
2nd foil		No																			
2nd foil glued to the dielectric		No																			
Petrol-Jelly		No																			
Anti-migrating film		No																			
Outer sheath Diameter	in	0.264																			
Outer sheath Material		PVC																			
Minimum bending radius	in	1.299																			
1GHz shielding	dB	> 85																			
Spark Test	Vac	3000																			
Capacitance	pF/m	54																			
Impedance	Ω	75																			
Velocity ratio	%	82																			
Operating temperature	°F	-22 ... 158																			
Frequencies		5 MHz	47 MHz	54 MHz	90 MHz	200 MHz	500 MHz	698 MHz	800 MHz	862 MHz	950 MHz	1000 MHz	1220 MHz	1350 MHz	1750 MHz	2050 MHz	2150 MHz	2200 MHz	2300 MHz	2400 MHz	3000 MHz
Attenuation (typ.)	dB/m	0.03	0.05	0.05	0.06	0.09	0.15	0.16	0.17	0.19	0.2	0.23	0.25	0.27	0.32	0.35	0.37	0.37	0.37	0.38	0.39
Return losses (min.)	dB	20	20	20	20	20	18	18	18	18	18	18	16	16	16	15	15	15	15	15	15